

# Resource Management Strategies

Potential Strategy Benefits									
Provide Water Supply Benefit MAF/year	Improve Drought Preparedness	Improve Water Quality	Operational Flex & Efficient	Reduce Flood Impacts	Environmental Benefits	Energy Benefits	Recreational Opportunities	Reduce GW Overdraft	Accumulated Cost by 2030 (Billions)

## Reduce Water Demand

Water conservation has become a viable long-term supply option because it saves considerable capital and operating costs for utilities and consumers, avoids environmental degradation, and creates multiple benefits.

Strategy	MAF/year	Potential Strategy Benefits							Accumulated Cost by 2030 \$ Billions
Agricultural Water Use Efficiency	0.1 - 0.6								X.X
Urban Water Use Efficiency	1.2 - 3.1								X.X

## Improve Operational Efficiency & Transfers

California's water system responds to our need to move water from where it occurs to where it will be used.

Strategy	MAF/year	Potential Strategy Benefits							Accumulated Cost by 2030 \$ Billions
Conveyance—Delta	0.1 - 0.6								X.X
Conveyance—Regional/Local (under development)									
System Reoperation									
Water Transfers									

## Increase Water Supply

California's communities are finding innovative ways to generate new supplies.

Strategy	MAF/year	Potential Strategy Benefits							Accumulated Cost by 2030 \$ Billions
Conjunctive Management & Groundwater Storage	0.5 - 2.0								X.X
Desalination – Brackish & Seawater	0.3 - 0.4								X.X
Precipitation Enhancement	0.3 - 0.6								X.X
Recycled Municipal Water	0.9 - 1.4								X.X
Surface Storage—CALFED	0.1 - 1.0								X.X
Surface Storage—Regional/Local									

# A Range of Choices

Potential Strategy Benefits									
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## Improve Water Quality

Improved water quality can directly improve the health of Californians and our ecosystem.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Drinking Water Treatment and Distribution										
Groundwater/Aquifer Remediation										
Matching Quality to Use										
Pollution Prevention										
Salt and Salinity Management										
Urban Runoff Management										

## Practice Resource Stewardship

We must protect other resources as we make water supplies available for other beneficial uses.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Agricultural Lands Stewardship										
Economic Incentives (Loans, Grants, Water Pricing)										
Ecosystem Restoration										
Forest Management	0.1 - 0.4									X.X
Land Use Planning and Management										
Recharge Area Protection										
Water-dependent Recreation										
Watershed Management										

## Improve Flood Management

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Flood Risk Management										